



**ABERDEEN SEWAGE TREATMENT WORKS - LICENSE TESTING**  
**EFFLUENT OUTLET STRUCTURE AT LOW LEVEL EFFLUENT POND -EPA LICENCE TESTING**  
**Monitoring Point 1**

Licence No: 827

| Date Sampled           |                       |                     | 17/Feb/20 | 16/Mar/20 | 29/Apr/20 | 18/May/20 | 15/Jun/20 | 13/Jul/20 | 10/Aug/20 | 7/Sep/20 | 26/Oct/20 | 9/Nov/20 | 7/Dec/20 | 27/Jan/21 |  |     |         |       |       |
|------------------------|-----------------------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|----------|-----------|--|-----|---------|-------|-------|
| Effective Month        |                       |                     | Feb/20    | Mar/20    | Apr/20    | May/20    | Jun/20    | Jul/20    | Aug/20    | Sep/20   | Oct/20    | Nov/20   | Dec/20   | Jan/21    |  |     |         |       |       |
| Parameters Monitored   | 100 percentile limits | 90 percentile limit |           |           |           |           |           |           |           |          |           |          |          |           |  | Min | Average | Max   |       |
|                        | License Limi (mg/l)   | PQL limits (mg/l)   |           |           |           |           |           |           |           |          |           |          |          |           |  |     |         |       |       |
| pH                     |                       |                     | 9.38      | 8.94      | 8.75      | 7.78      | 7.78      | 7.92      | 8.25      | 9.20     | 7.94      | 7.91     | 8.99     | 9.55      |  | 12  | 7.78    | 8.53  | 9.55  |
| BOD5                   | 20                    |                     | 11.00     | 7.00      | 20.00     | 11.00     | 3.00      | 11.00     | 10.00     | 6.00     | 6.00      | 6.00     | 7.00     | 13.00     |  | 12  | 3.00    | 9.25  | 20.00 |
| Nitrogen (Ammonia)     |                       |                     | 0.16      | 0.23      | 0.10      | 1.11      | 2.00      | 4.11      | 4.32      | 0.07     | 3.24      | 2.10     | 0.37     | 0.05      |  | 12  | 0.05    | 1.49  | 4.32  |
| Total Nitrogen         |                       |                     | 3.80      | 1.90      | 3.70      | 5.40      | 3.80      | 6.70      | 5.80      | 2.50     | 5.20      | 5.20     | 3.40     | 2.30      |  | 12  | 1.90    | 4.14  | 6.70  |
| Oil and Grease         | 10                    |                     | 2.00      | 2.00      | 2.00      | 2.00      | 2.00      | 2.00      | 1.00      | 2.00     | 2.00      | 2.00     | 2.00     | 2.00      |  | 12  | 1.00    | 1.92  | 2.00  |
| Total Phosphorus       |                       |                     | 1.60      | 1.61      | 2.88      | 2.20      | 2.70      | 3.90      | 3.20      | 2.70     | 3.45      | 3.00     | 2.33     | 1.87      |  | 12  | 1.60    | 2.62  | 3.90  |
| Total Suspended Solids | 30                    |                     | 22.00     | 19.00     | 48.00     | 12.00     | 10.00     | 3.00      | 5.00      | 10.00    | 1.00      | 1.00     | 16.00    | 32.00     |  | 12  | 1.00    | 14.92 | 48.00 |

 Indicates results exceed the licence limits

 Indicates result was < the number given